

材料科学与工程学院文件

院通字〔2019〕10号

对标志性科研和教学成果予以奖励的规定

为了进一步加强材料科学与工程一流学科建设，全面提升我院科研和教学的综合实力，学院决定对标志性科研和教学成果予以奖励。奖励所涉及的所有条款为现金奖励（含税），不涵盖校院二级的其它任何奖励措施。2019年度内所获成果予以奖励的规定与办法如下：

1. 第一作者和通讯作者单位为华东理工大学材料科学与工程学院，在 Science 和 Nature 上发表论文奖励 10 万元，在 Nature 专业子刊发表论文奖励 5 万元，在 J Am Chem Soc、Angew Chem Int Edit、Adv Mater、Nat Commun 等同等杂志发表论文奖励 1 万元。
2. 华东理工大学为第一获奖单位，获得国家自然科学一等奖奖励 80 万元，获得国家自然科学二等奖奖励 50 万元；华东理工大学为第一获奖单位，获得国家技术发明或科技进步一等奖奖励 20 万元，获得国家技术发明或国家科学技术进步二等奖学院奖励 10 万元。
3. 华东理工大学为第一获奖单位，学院教师为第一完成人，获得省部级自然科学、技术发明奖或科学技术进步一等奖奖励 5 万元，二等奖奖励 2 万元。
4. 华东理工大学为第一获奖单位，学院教师为第一完成人，获得国家级教学成果一等奖奖励 10 万元，二等奖奖励 5 万元。
5. 华东理工大学为第一获奖单位，学院教师为第一完成人，获得省部级教学成果一等奖奖励 3 万元，二等奖者 1 万元。
6. 华东理工大学材料科学与工程学院为第一申报单位获得国家级精品课程，学院奖励课程申报人 5 万元。

7. 获得国家级教学名师称号的学院教师奖励 10 万元，获得上海市级教学名师称号的学院教师奖励 5 万元。
8. 获得国家自然科学基金委重大项目、国防重大项目等，且华东理工大学为第一单位，学院教师为第一负责人，学院奖励申报团队 15 万元；获得国家重点研发计划项目，且华东理工大学为第一单位，学院教师为第一负责人，学院奖励申报团队 10 万元；获得国家自然科学基金委重点项目，且华东理工大学为第一单位，学院教师为第一负责人，学院奖励申报团队 5 万元。
9. 获国家自然科学基金委创新研究群体，且华东理工大学材料科学与工程学院教师为第一负责人，学院奖励第一负责人申报团队 15 万元；获国家科技部创新团队，且华东理工大学材料科学与工程学院教师为第一负责人，学院奖励第一负责人申报团队 10 万元；获教育部长江学者创新团队，且华东理工大学材料科学与工程学院教师为第一负责人，学院奖励第一负责人申报团队 5 万元。
10. 发表材料类 ESI 论文奖励 2000 元/篇，材料类刊物名称详见附件列表。

本规定有效期为 2019 年 1 月 1 日至 2019 年 12 月 31 日，解释权归材料科学与工程学院。

附件：ESI 材料类期刊列表

华东理工大学材料科学与工程学院

2019年10月17日

材料科学与工程学院办公室

2019 年 10 月 17 日印

附件

ESI 材料类期刊列表

Rank	JCR abbreviated Journals	Full Journal Title	Journal Impact Factor
1	NAT REV MATER	Nature Reviews Materials	74.449
2	NATURE	NATURE	43.070
3	SCIENCE	SCIENCE	41.037
4	NAT MATER	NATURE MATERIALS	38.887
5	NAT NANOTECHNOL	Nature Nanotechnology	33.407
6	ADVAN MATER	ADVANCED MATERIALS	25.809
7	ADV ENERGY MATER	Advanced Energy Materials	24.884
8	ADV ENG MATER	Advanced Energy Materials	24.884
9	MATER TODAY	Materials Today	24.372
10	PROG MATER SCI	PROGRESS IN MATERIALS SCIENCE	23.725
11	MAT SCI ENG R	MATERIALS SCIENCE & ENGINEERING R-REPORTS	22.25
12	INT MATER REV	INTERNATIONAL MATERIALS REVIEWS	21.086
13	ANNU REV MATER RES	Annual Review of Materials Research	16.816
14	ACS ENERGY LETT	ACS Energy Letters	16.331
15	ADV FUNCT MATER	ADVANCED FUNCTIONAL MATERIALS	15.621
16	NANO ENERGY	Nano Energy	15.548
17	MATER HORIZONS	Materials Horizons	14.356
18	ACS NANO	ACS NANO	13.903
19	SCI ADV	Science Advances	12.804
20	NANO LETT	Nano letters	12.279
21	NAT COMMUN	Nature Communications	11.878
22	SMALL	Small	10.856
23	J MATER CHEM A	Journal of Materials Chemistry A	10.733
24	BIOMATERIALS	BIOMATERIALS	10.273

25	CHEM MATER	CHEMISTRY OF MATERIALS	10.159
26	PROC NAT ACAD SCI USA	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	9.580
27	NANO-MICRO LETT	Nano-Micro Letters	9.043
28	ACS APPL MATER INTERFACES	ACS Applied Materials & Interfaces	8.456
29	CURR OPIN SOLID STATE MAT SCI	CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE	8.418
30	NPG ASIA MATER	NPG Asia Materials	8.052
31	APPL MATER TODAY	Applied Materials Today	8.013
32	J POWER SOURCES	JOURNAL OF POWER SOURCES	7.467
33	MATER RES LETT	Materials Research Letters	7.44
34	2D MATER	2D Materials	7.343
35	ACTA MATER	ACTA MATERIALIA	7.293
36	BIOFABRICATION	Biofabrication	7.236
37	ADV OPT MATER	Advanced Optical Materials	7.125
38	COMPOS PART B-ENG	COMPOSITES PART B-ENGINEERING	6.864
39	J MATER CHEM C	Journal of Materials Chemistry C	6.641
40	ACTA BIOMATER	Acta Biomaterialia	6.638
41	CORROS SCI	CORROSION SCIENCE	6.355
42	ADV ELECTRON MATER	Advanced Electronic Materials	6.312
43	COMPOSITES SCI TECHNOL	COMPOSITES SCIENCE AND TECHNOLOGY	6.309
44	COMPOS PART A-APPL SCI MANUF	COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING	6.282
45	ADV HEALTHC MATER	Advanced Healthcare Materials	6.27
46	SOLAR ENERG MATER SOLAR CELLS	SOLAR ENERGY MATERIALS AND SOLAR CELLS	6.019
47	MATER DESIGN	MATERIALS & DESIGN	5.77
48	SCI CHINA-MATER	Science China-Materials	5.636
49	CEM CONCR RES	CEMENT AND CONCRETE RESEARCH	5.618
50	BIOMATER SCI	Biomaterials Science	5.251
51	CEMENT CONCRETE COMPOSITES	CEMENT & CONCRETE COMPOSITES	5.172
52	APPL SURF SCI	APPLIED SURFACE SCIENCE	5.155

53	J MATER CHEM B	Journal of Materials Chemistry B	5.047
54	J MATER SCI TECHNOL	JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY	5.04
55	MAT SCI ENG C-BIOMIM SUPRAM S	Materials Science & Engineering C-Materials for Biological Applications	4.959
56	MATER SCI ENG C	Materials Science and Engineering: C	4.959
57	COMPOS STRUCT	COMPOSITE STRUCTURES	4.829
58	ADV MATER INTERFACES	Advanced Materials Interfaces	4.713
59	MRS BULL	MRS BULLETIN	4.655
60	SCRIPTA MATER	SCRIPTA MATERIALIA	4.539
61	ACS BIOMATER SCI ENG	ACS Biomaterials Science & Engineering	4.511
62	APL MATER	APL Materials	4.296
63	PART PART SYST CHARACT	PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION	4.194
64	MICROPOROUS MESOPOROUS MAT	MICROPOROUS AND MESOPOROUS MATERIALS	4.182
65	J MATER PROCESS TECHNOL	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	4.178
66	J ALLOYS COMPOUNDS	JOURNAL OF ALLOYS AND COMPOUNDS	4.175
67	MATER SCI ENG A-STRUCT MATER	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	4.081
68	CONSTR BUILD MATER	CONSTRUCTION AND BUILDING MATERIALS	4.046
69	NANOMATERIALS	Nanomaterials	4.034
70	J EUR CERAM SOC	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	4.029
71	SCI REP	Scientific Reports	4.011
72	CELLULOSE	CELLULOSE	3.917
73	EUR CELLS MATER	EUROPEAN CELLS & MATERIALS	3.682
74	INT J FATIGUE	INTERNATIONAL JOURNAL OF FATIGUE	3.673
75	SCI TECHNOL ADV MATER	SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS	3.585
76	SMART MATER STRUCT	Smart Materials and Structures	3.543
77	MATER SCI ENG B-ADV FUNCT SOL	Materials Science and Engineering B-Advanced Functional Solid-State Materials	3.507
78	J MECH BEHAV BIOMED MATER	Journal of the Mechanical Behavior of Biomedical Materials	3.485
79	HYDROMETALLURGY	HYDROMETALLURGY	3.465

80	CERAM INT	CERAMICS INTERNATIONAL	3.45
81	J MATER SCI	JOURNAL OF MATERIALS SCIENCE	3.442
82	BIOMED MATER	Biomedical Materials	3.44
83	PROG ORG COATING	PROGRESS IN ORGANIC COATINGS	3.42
84	NANOTECHNOL	NANOTECHNOLOGY	3.399
85	SOFT MATTER	Soft Matter	3.399
86	MATER RES BULL	MATERIALS RESEARCH BULLETIN	3.355
87	INTERMETALLICS	INTERMETALLICS	3.353
88	MATER MANUF PROCESS	MATERIALS AND MANUFACTURING PROCESSES	3.350
89	PROG NAT SCI-MATER	Progress in Natural Science-Materials International	3.31
90	J R SOC INTERFACE	Journal of the Royal Society Interface	3.224
91	J BIOMED MATER RES PART A	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A	3.221
92	MATER CHARACT	MATERIALS CHARACTERIZATION	3.22
93	SURF COAT TECH	SURFACE & COATINGS TECHNOLOGY	3.192
94	J AMER CERAM SOC	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	3.094
95	MACROMOL MATER ENG	MACROMOLECULAR MATERIALS AND ENGINEERING	3.038
96	MATER LETT	MATERIALS LETTERS	3.019
97	MATERIALS	Materials	2.972
98	MECH MATER	MECHANICS OF MATERIALS	2.958
99	WEAR	WEAR	2.95
100	POLYM TEST	POLYMER TESTING	2.943
101	NDT E INT	NDT & E INTERNATIONAL	2.934
102	NANOSCI NANOTECHNOL LETT	Nanoscience and Nanotechnology Letters	2.917
103	MECH ADV MATER STRUCT	MECHANICS OF ADVANCED MATERIALS AND STRUCTURES	2.873
104	INT J REFRACT MET HARD MATER	INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS	2.794
105	MATER CHEM PHYS	MATERIALS CHEMISTRY AND PHYSICS	2.781
106	PLOS ONE	PLoS One	2.776
107	MATER SCI SEMICOND PROCESS	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	2.722
108	OPT MATER	OPTICAL MATERIALS	2.687

109	J BIOMED MATER RES PART B	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS	2.674
110	MICROSC MICROANAL	MICROSCOPY AND MICROANALYSIS	2.673
111	OPT MATER EXPRESS	Optical Materials Express	2.673
112	CALPHAD-COMPUT COUP PHASE DIA	CALPHAD-COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY	2.652
113	COMPUT MATER SCI	COMPUTATIONAL MATERIALS SCIENCE	2.644
114	PARTICUOLOGY	Particuology	2.616
115	J COMPOS CONSTR	JOURNAL OF COMPOSITES FOR CONSTRUCTION	2.606
116	J INTEL MAT SYST STRUCT	JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES	2.582
117	FATIGUE FRACT ENG MATER STRUC	FATIGUE & FRACTURE OF ENGINEERING MATERIALS & STRUCTURES	2.555
118	MATER STRUCT	MATERIALS AND STRUCTURES	2.548
119	VACUUM	VACUUM	2.515
120	INT J ADHES ADHES	INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES	2.501
121	J MATER SCI-MATER MED	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE	2.467
122	J ADHES	JOURNAL OF ADHESION	2.366
123	SCI TECHNOL WELD JOIN	SCIENCE AND TECHNOLOGY OF WELDING AND JOINING	2.358
124	TRANS NONFERROUS METAL SOC CH	TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA	2.338
125	COATINGS	Coatings	2.33
126	JOM	JOM	2.305
127	DIAM RELAT MATER	DIAMOND AND RELATED MATERIALS	2.29
128	GOLD BULL	GOLD BULLETIN	2.279
129	BEILSTEIN J NANOTECHNOL	Beilstein Journal of Nanotechnology	2.269
130	POLYM COMPOSITE	POLYMER COMPOSITES	2.268
131	INT J POLYM MATER POLYM BIOMA	International Journal of Polymeric Materials and Polymeric Biomaterials	2.263
132	METALS	Metals	2.259
133	J NANOMATER	Journal of Nanomaterials	2.233

134	SURF ENG	SURFACE ENGINEERING	2.229
135	J MATER SCI-MATER ELECTRON	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2.195
136	STRAIN	STRAIN	2.155
137	GRANUL MATTER	GRANULAR MATTER	2.145
138	J THERM SPRAY TECHNOL	JOURNAL OF THERMAL SPRAY TECHNOLOGY	2.129
139	J BIOMATER SCI-POLYM ED	JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION	2.121
140	CRYSTALS	Crystals	2.061
141	MAG CONCR RES	MAGAZINE OF CONCRETE RESEARCH	2.026
142	BIOINTERPHASES	Biointerphases	2.009
143	J NANOPART RES	JOURNAL OF NANOPARTICLE RESEARCH	2.009
144	J SOL-GEL SCI TECHNOL	JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY	1.986
145	METALL MATER TRANS A	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	1.985
146	J MATER RES	JOURNAL OF MATERIALS RESEARCH	1.982
147	J BIOACT COMPAT POLYM	JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS	1.976
148	J ELECTROCERAM	JOURNAL OF ELECTROCERAMICS	1.966
149	METALL MATER TRANS B	METALLURGICAL AND MATERIALS TRANSACTIONS B-PROCESS METALLURGY AND MATERIALS PROCESSING SCIENCE	1.952
150	J POROUS MAT	JOURNAL OF POROUS MATERIALS	1.947
151	MATER SCI TECHNOL	MATERIALS SCIENCE AND TECHNOLOGY	1.938
152	EUR J WOOD WOOD PROD	European Journal of Wood and Wood Products	1.901
153	THIN SOLID FILMS	THIN SOLID FILMS	1.888
154	ELECTRON MATER LETT	Electronic Materials Letters	1.881
155	CORROSION	CORROSION	1.865
156	PHILOS MAG	PHILOSOPHICAL MAGAZINE	1.855
157	INT J APPL GLASS SCI	International Journal of Applied Glass Science	1.845
158	J VAC SCI TECHNOL A	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1.833
159	ACTA METALL SIN-ENGL LETT	Acta Metallurgica Sinica-English Letters	1.828
160	REV ADV MATER SCI	REVIEWS ON ADVANCED MATERIALS SCIENCE	1.828

161	MODEL SIMUL MATER SCI ENG	MODELLING AND SIMULATION IN MATERIALS SCIENCE AND ENGINEERING	1.826
162	MATER TECHNOL	MATERIALS TECHNOLOGY	1.82
163	OXIDAT METAL	Oxidation of Metals	1.805
164	J REINF PLAST COMPOSITE	JOURNAL OF REINFORCED PLASTICS AND COMPOSITES	1.786
165	RARE METALS	RARE METALS	1.785
166	J COMPOS MATER	JOURNAL OF COMPOSITE MATERIALS	1.755
167	INT J MATER FORM	International Journal of Material Forming	1.75
168	J ELECTRON MATER	JOURNAL OF ELECTRONIC MATERIALS	1.676
169	MET MATER INT	METALS AND MATERIALS INTERNATIONAL	1.647
170	TEXT RES J	TEXTILE RESEARCH JOURNAL	1.613
171	CURR NANOSCI	Current Nanoscience	1.586
172	J COAT TECHNOL RES	Journal of Coatings Technology and Research	1.584
173	AIP ADV	AIP Advances	1.579
174	IRONMAKING STEELMAKING	IRONMAKING & STEELMAKING	1.578
175	APPL COMPOS MATER	APPLIED COMPOSITE MATERIALS	1.556
176	STEEL RES INT	STEEL RESEARCH INTERNATIONAL	1.522
177	MICROSYST TECHNOL	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	1.513
178	J MATER ENG PERFORM	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	1.476
179	MATER CORROS	MATERIALS AND CORROSION-WERKSTOFFE UND KORROSION	1.458
180	ACI MATER J	ACI MATERIALS JOURNAL	1.453
181	MATER RES EXPRESS	Materials Research Express	1.449
182	FIBER POLYM	FIBERS AND POLYMERS	1.439
183	ADV APPL CERAM	Advances in Applied Ceramics	1.429
184	ISIJ INT	ISIJ INTERNATIONAL	1.427
185	ADV MATER SCI ENG	Advances in Materials Science and Engineering	1.399
186	BIORESOURCES	BioResources	1.396
187	CORROS ENG SCI TECHNOL	CORROSION ENGINEERING SCIENCE AND TECHNOLOGY	1.393
188	MATER PLAST	MATERIALE PLASTICE	1.393

189	FUNCT MATER LETT	Functional Materials Letters	1.388
190	NEW CARBON MATER	NEW CARBON MATERIALS	1.387
191	J IRON STEEL RES INT	JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL	1.382
192	J VAC SCI TECHNOL B	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	1.351
193	J THERMOPLAST COMPOS MATER	JOURNAL OF THERMOPLASTIC COMPOSITE MATERIALS	1.343
194	WELD WORLD	Welding in the World	1.278
195	BULL MATER SCI	BULLETIN OF MATERIALS SCIENCE	1.264
196	INT J MINER METALL MATER	International Journal of Minerals Metallurgy and Materials	1.221
197	J ADHES SCI TECHNOL	JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY	1.21
198	TRANS INDIAN INST MET	Transactions of the Indian Institute of Metals	1.176
199	PHYS METALS METALLOGR ENGL TR	PHYSICS OF METALS AND METALLOGRAPHY	1.169
200	SCI ADV MATER	Science of Advanced Materials	1.158
201	J CERAMIC SOC JPN	JOURNAL OF THE CERAMIC SOCIETY OF JAPAN	1.108
202	MATER RES-IBERO-AM J MATER	Materials Research-Ibero-american Journal of Materials	1.104
203	J NANOSCI NANOTECHNOL	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	1.093
204	INT J APPL CERAM TECHNOL	International Journal of Applied Ceramic Technology	1.074
205	J TEXT INST	JOURNAL OF THE TEXTILE INSTITUTE	1.063
206	KOREAN J MET MATER	Korean Journal of Metals and Materials	0.992
207	J CENT SOUTH UNIV	Journal of Central South University	0.973
208	J CENT SOUTH UNIV TECHNOL	JOURNAL OF CENTRAL SOUTH UNIVERSITY OF TECHNOLOGY	0.973
209	NORD PULP PAPER RES J	NORDIC PULP & PAPER RESEARCH JOURNAL	0.929
210	CELL CHEM TECHNOL	CELLULOSE CHEMISTRY AND TECHNOLOGY	0.857
211	INT J MATER RES	International Journal of Materials Research	0.851
212	PROT MET PHYS CHEM SURF	Protection of Metals and Physical Chemistry of Surfaces	0.787
213	INORG MATER-ENGL TR	INORGANIC MATERIALS	0.771
214	MATER TRANS	MATERIALS TRANSACTIONS	0.764
215	ACTA METALL SIN	ACTA METALLURGICA SINICA	0.758
216	ARCH METALL MATER	ARCHIVES OF METALLURGY AND MATERIALS	0.697
217	FIBRES TEXT EAST EUR	FIBRES & TEXTILES IN EASTERN EUROPE	0.677

218	DIG J NANOMATER BIOSTRUCT	Digest Journal of Nanomaterials and Biostructures	0.638
219	J INORG MATER	JOURNAL OF INORGANIC MATERIALS	0.635
220	J WUHAN UNIV TECHNOL-MAT SCI	JOURNAL OF WUHAN UNIVERSITY OF TECHNOLOGY-MATERIALS SCIENCE EDITION	0.605
221	J OPTOELECTRON ADV MATER	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	0.588
222	MATERIALWISS WERKSTOFFTECH	MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK	0.556
223	OPTOELECTRON ADV MATER-RAPID	Optoelectronics and Advanced Materials-Rapid Communications	0.452
224	J CERAM PROCESS RES	JOURNAL OF CERAMIC PROCESSING RESEARCH	0.386
225	RARE METAL MAT ENG	RARE METAL MATERIALS AND ENGINEERING	0.381
226	CHEM VAPOR DEPOSITION	CHEMICAL VAPOR DEPOSITION	/
227	J BIOBASED MATER BIOENERGY	Journal of Biobased Materials and Bioenergy	/
228	J COMPUT THEOR NANOSCI	Journal of Computational and Theoretical Nanoscience	/
229	J MATER CHEM	Journal of Materials Chemistry	/
230	MATER RES INNOV	MATERIALS RESEARCH INNOVATIONS	/