

# Goki Eda

## List of Publications by Citations

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138  
papers

38,584  
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147  
ext. papers

42,526  
ext. citations

13.4  
avg, IF

7.59  
L-index

#	Paper	IF	Citations
138	The chemistry of two-dimensional layered transition metal dichalcogenide nanosheets. <i>Nature Chemistry</i> , <b>2013</b> , 5, 263-75	17.6	6689
137	Large-area ultrathin films of reduced graphene oxide as a transparent and flexible electronic material. <i>Nature Nanotechnology</i> , <b>2008</b> , 3, 270-4	28.7	3697
136	Photoluminescence from chemically exfoliated MoS <sub>2</sub> . <i>Nano Letters</i> , <b>2011</b> , 11, 5111-6	11.5	2897
135	Graphene oxide as a chemically tunable platform for optical applications. <i>Nature Chemistry</i> , <b>2010</b> , 2, 1015-24	11.5	2633
134	Enhanced catalytic activity in strained chemically exfoliated WS <sub>2</sub> nanosheets for hydrogen evolution. <i>Nature Materials</i> , <b>2013</b> , 12, 850-5	27	2039
133	Chemically derived graphene oxide: towards large-area thin-film electronics and optoelectronics. <i>Advanced Materials</i> , <b>2010</b> , 22, 2392-415	24	1818
132	Blue photoluminescence from chemically derived graphene oxide. <i>Advanced Materials</i> , <b>2010</b> , 22, 505-9	24	1643
131	Conducting MoS <sub>2</sub> nanosheets as catalysts for hydrogen evolution reaction. <i>Nano Letters</i> , <b>2013</b> , 13, 6222-7	11.5	1613
130	Evolution of Electrical, Chemical, and Structural Properties of Transparent and Conducting Chemically Derived Graphene Thin Films. <i>Advanced Functional Materials</i> , <b>2009</b> , 19, 2577-2583	15.6	1451
129	Evolution of electronic structure in atomically thin sheets of WS <sub>2</sub> and WSe <sub>2</sub> . <i>ACS Nano</i> , <b>2013</b> , 7, 791-7	16.7	1393
128	Atomic and electronic structure of graphene-oxide. <i>Nano Letters</i> , <b>2009</b> , 9, 1058-63	11.5	921
127	Coherent atomic and electronic heterostructures of single-layer MoS <sub>2</sub> . <i>ACS Nano</i> , <b>2012</b> , 6, 7311-7	16.7	696
126	Graphene-based composite thin films for electronics. <i>Nano Letters</i> , <b>2009</b> , 9, 814-8	11.5	576
125	Lattice dynamics in mono- and few-layer sheets of WS <sub>2</sub> and WSe <sub>2</sub> . <i>Nanoscale</i> , <b>2013</b> , 5, 9677-83	7.7	574
124	Tunable photoluminescence from graphene oxide. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6662-6	16.4	520
123	Insulator to Semimetal Transition in Graphene Oxide. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 15768-15871	15.8	504
122	Transport properties of monolayer MoS <sub>2</sub> grown by chemical vapor deposition. <i>Nano Letters</i> , <b>2014</b> , 14, 1909-13	11.5	376

121	Origin of indirect optical transitions in few-layer MoS <sub>2</sub> , WS <sub>2</sub> , and WSe <sub>2</sub> . <i>Nano Letters</i> , <b>2013</b> , 13, 5627-34	11.5	365
120	Electronic properties of graphene encapsulated with different two-dimensional atomic crystals. <i>Nano Letters</i> , <b>2014</b> , 14, 3270-6	11.5	345
119	Transparent and conducting electrodes for organic electronics from reduced graphene oxide. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 233305	3.4	336
118	Two-dimensional crystals: managing light for optoelectronics. <i>ACS Nano</i> , <b>2013</b> , 7, 5660-5	16.7	327
117	Controlling many-body states by the electric-field effect in a two-dimensional material. <i>Nature</i> , <b>2016</b> , 529, 185-9	50.4	301
116	Halide-assisted atmospheric pressure growth of large WSe <sub>2</sub> and WS <sub>2</sub> monolayer crystals. <i>Applied Materials Today</i> , <b>2015</b> , 1, 60-66	6.6	294
115	Photocarrier relaxation pathway in two-dimensional semiconducting transition metal dichalcogenides. <i>Nature Communications</i> , <b>2014</b> , 5, 4543	17.4	294
114	Electronic transport properties of transition metal dichalcogenide field-effect devices: surface and interface effects. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 7715-36	58.5	282
113	Graphene and mobile ions: the key to all-plastic, solution-processed light-emitting devices. <i>ACS Nano</i> , <b>2010</b> , 4, 637-42	16.7	242
112	Field emission from graphene based composite thin films. <i>Applied Physics Letters</i> , <b>2008</b> , 93, 233502	3.4	226
111	Molecularly thin two-dimensional hybrid perovskites with tunable optoelectronic properties due to reversible surface relaxation. <i>Nature Materials</i> , <b>2018</b> , 17, 908-914	27	207
110	Improved conductivity of transparent single-wall carbon nanotube thin films via stable postdeposition functionalization. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 121913	3.4	203
109	Giant photoluminescence enhancement in tungsten-diselenide-gold plasmonic hybrid structures. <i>Nature Communications</i> , <b>2016</b> , 7, 11283	17.4	201
108	Highly uniform 300 mm wafer-scale deposition of single and multilayered chemically derived graphene thin films. <i>ACS Nano</i> , <b>2010</b> , 4, 524-8	16.7	189
107	Vapour-liquid-solid growth of monolayer MoS nanoribbons. <i>Nature Materials</i> , <b>2018</b> , 17, 535-542	27	185
106	Colossal Ultraviolet Photoresponsivity of Few-Layer Black Phosphorus. <i>ACS Nano</i> , <b>2015</b> , 9, 8070-7	16.7	175
105	Large thermoelectricity via variable range hopping in chemical vapor deposition grown single-layer MoS <sub>2</sub> . <i>Nano Letters</i> , <b>2014</b> , 14, 2730-4	11.5	171
104	Nonlinear photoluminescence in atomically thin layered WSe <sub>2</sub> arising from diffusion-assisted exciton-exciton annihilation. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	168

103	Evidence for Fast Interlayer Energy Transfer in MoSe <sub>2</sub> /WS <sub>2</sub> Heterostructures. <i>Nano Letters</i> , <b>2016</b> , 16, 4087-93	11.5	145
102	Discovery of a new type of topological Weyl fermion semimetal state in MoWTe. <i>Nature Communications</i> , <b>2016</b> , 7, 13643	17.4	134
101	An innovative way of etching MoS <sub>2</sub> : Characterization and mechanistic investigation. <i>Nano Research</i> , <b>2013</b> , 6, 200-207	10	128
100	Field emission from atomically thin edges of reduced graphene oxide. <i>ACS Nano</i> , <b>2011</b> , 5, 4945-52	16.7	125
99	Photoelectrochemical properties of chemically exfoliated MoS <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 8935	13	124
98	Electronic structure and optical signatures of semiconducting transition metal dichalcogenide nanosheets. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 91-9	24.3	115
97	Chemical Stabilization of 1TTPHase Transition Metal Dichalcogenides with Giant Optical Kerr Nonlinearity. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2504-2511	16.4	114
96	All-electric magnetization switching and Dzyaloshinskii-Moriya interaction in WTe <sub>2</sub> /ferromagnet heterostructures. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 945-949	28.7	104
95	Exciton-Plasmon Coupling and Electromagnetically Induced Transparency in Monolayer Semiconductors Hybridized with Ag Nanoparticles. <i>Advanced Materials</i> , <b>2016</b> , 28, 2709-15	24	97
94	Bead-to-fiber transition in electrospun polystyrene. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 106, 475-487	9.7	96
93	Rapid visualization of grain boundaries in monolayer MoS by multiphoton microscopy. <i>Nature Communications</i> , <b>2017</b> , 8, 15714	17.4	93
92	Engineering Bandgaps of Monolayer MoS <sub>2</sub> and WS <sub>2</sub> on Fluoropolymer Substrates by Electrostatically Tuned Many-Body Effects. <i>Advanced Materials</i> , <b>2016</b> , 28, 6457-64	24	89
91	Reconfiguring crystal and electronic structures of MoS by substitutional doping. <i>Nature Communications</i> , <b>2018</b> , 9, 199	17.4	85
90	Reduced graphene oxide electrodes for large area organic electronics. <i>Advanced Materials</i> , <b>2011</b> , 23, 1558-62	24	83
89	Crested two-dimensional transistors. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 223-226	28.7	81
88	Complex electrical permittivity of the monolayer molybdenum disulfide (MoS <sub>2</sub> ) in near UV and visible. <i>Optical Materials Express</i> , <b>2015</b> , 5, 447	2.6	80
87	Incorporation of graphene in quantum dot sensitized solar cells based on ZnO nanorods. <i>Chemical Communications</i> , <b>2011</b> , 47, 6084-6	5.8	78
86	Excitonic Properties of Chemically Synthesized 2D Organic-Inorganic Hybrid Perovskite Nanosheets. <i>Advanced Materials</i> , <b>2018</b> , 30, e1704055	24	74

85	Heterointerface Screening Effects between Organic Monolayers and Monolayer Transition Metal Dichalcogenides. <i>ACS Nano</i> , <b>2016</b> , 10, 2476-84	16.7	66
84	Synergistic additive-mediated CVD growth and chemical modification of 2D materials. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 4639-4654	58.5	66
83	Partially oxidized graphene as a precursor to graphene. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 11217		66
82	Selectively Plasmon-Enhanced Second-Harmonic Generation from Monolayer Tungsten Diselenide on Flexible Substrates. <i>ACS Nano</i> , <b>2018</b> , 12, 1859-1867	16.7	58
81	Electronic transport in graphene-based heterostructures. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 183504	3.4	58
80	Free-standing graphene on microstructured silicon vertices for enhanced field emission properties. <i>Nanoscale</i> , <b>2012</b> , 4, 3069-74	7.7	56
79	Growth of Nb-Doped Monolayer WS by Liquid-Phase Precursor Mixing. <i>ACS Nano</i> , <b>2019</b> , 13, 10768-10775	16.7	54
78	Effect of oxygen and ozone on p-type doping of ultra-thin WSe2 and MoSe2 field effect transistors. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 4304-9	3.6	54
77	Electroluminescent Devices Based on 2D Semiconducting Transition Metal Dichalcogenides. <i>Advanced Materials</i> , <b>2018</b> , 30, e1802687	24	53
76	Efficient Carrier-to-Exciton Conversion in Field Emission Tunnel Diodes Based on MIS-Type van der Waals Heterostack. <i>Nano Letters</i> , <b>2017</b> , 17, 5156-5162	11.5	53
75	Charge transport in ion-gated mono-, bi-, and trilayer MoS2 field effect transistors. <i>Scientific Reports</i> , <b>2014</b> , 4, 7293	4.9	52
74	Thermal dissociation of inter-layer excitons in MoS/MoSe hetero-bilayers. <i>Nanoscale</i> , <b>2017</b> , 9, 6674-6679	7.7	50
73	Van der Waals force: a dominant factor for reactivity of graphene. <i>Nano Letters</i> , <b>2015</b> , 15, 319-25	11.5	49
72	Direct white light emission from inorganic-organic hybrid semiconductor bulk materials. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 10676		49
71	Revealing the Atomic Defects of WS2 Governing Its Distinct Optical Emissions. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1704210	15.6	49
70	Solvent effects on jet evolution during electrospinning of semi-dilute polystyrene solutions. <i>European Polymer Journal</i> , <b>2007</b> , 43, 1154-1167	5.2	48
69	Bead structure variations during electrospinning of polystyrene. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 5704-5708	4.3	48
68	Photoluminescence Upconversion by Defects in Hexagonal Boron Nitride. <i>Nano Letters</i> , <b>2018</b> , 18, 6898-6905	11.5	48

67	Controlling the magnetic anisotropy in Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> by electrostatic gating. <i>Nature Electronics</i> , <b>2020</b> , 3, 460-465	28.4	46
66	Stable Monolayer Transition Metal Dichalcogenide Ordered Alloys with Tunable Electronic Properties. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 2501-2508	3.8	46
65	Zinc oxide nanowire networks for macroelectronic devices. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 163501	3.4	45
64	Two-step fabrication of single-layer rectangular SnSe flakes. <i>2D Materials</i> , <b>2017</b> , 4, 021026	5.9	43
63	Giant gate-tunable bandgap renormalization and excitonic effects in a 2D semiconductor. <i>Science Advances</i> , <b>2019</b> , 5, eaaw2347	14.3	37
62	Graphene oxide gate dielectric for graphene-based monolithic field effect transistors. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 133108	3.4	37
61	Characterization of the second- and third-harmonic optical susceptibilities of atomically thin tungsten diselenide. <i>Scientific Reports</i> , <b>2018</b> , 8, 10035	4.9	37
60	Highly Stable Two-Dimensional Tin(II) Iodide Hybrid Organic-Inorganic Perovskite Based on Stilbene Derivative. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1904810	15.6	36
59	Nonlinear optical properties of a one-dimensional coordination polymer. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2936-2941	7.1	34
58	Macroporous polymer nanocomposites synthesised from high internal phase emulsion templates stabilised by reduced graphene oxide. <i>Polymer</i> , <b>2014</b> , 55, 395-402	3.9	34
57	Evidence for line width and carrier screening effects on excitonic valley relaxation in 2D semiconductors. <i>Nature Communications</i> , <b>2018</b> , 9, 2598	17.4	33
56	Dynamic Structural Evolution of Metal-Metal Bonding Network in Monolayer WS <sub>2</sub> . <i>Chemistry of Materials</i> , <b>2016</b> , 28, 2308-2314	9.6	31
55	Flight path of electrospun polystyrene solutions: Effects of molecular weight and concentration. <i>Materials Letters</i> , <b>2007</b> , 61, 1451-1455	3.3	31
54	Substitutional doping in 2D transition metal dichalcogenides. <i>Nano Research</i> , <b>2021</b> , 14, 1668-1681	10	29
53	Determination of Crystal Axes in Semimetallic T'-MoTe <sub>2</sub> by Polarized Raman Spectroscopy. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1604799	15.6	28
52	Tunable Photoluminescence from Graphene Oxide. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 6766-6770	3.6	28
51	Anomalous Broadband Spectrum Photodetection in 2D Rhenium Disulfide Transistor. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1901115	8.1	26
50	Graphene patchwork. <i>ACS Nano</i> , <b>2011</b> , 5, 4265-8	16.7	26

49	High-Energy Gain Upconversion in Monolayer Tungsten Disulfide Photodetectors. <i>Nano Letters</i> , <b>2019</b> , 19, 5595-5603	11.5	24
48	Controlled Aqueous Synthesis of 2D Hybrid Perovskites with Bright Room-Temperature Long-Lived Luminescence. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 2869-2873	6.4	24
47	Emergence of photoluminescence on bulk MoS <sub>2</sub> by laser thinning and gold particle decoration. <i>Nano Research</i> , <b>2018</b> , 11, 4574-4586	10	24
46	Wet chemical thinning of molybdenum disulfide down to its monolayer. <i>APL Materials</i> , <b>2014</b> , 2, 092509	5.7	24
45	Ultrafast charge transfer dynamics pathways in two-dimensional MoS-graphene heterostructures: a core-hole clock approach. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 29954-29962	3.6	23
44	Polarized Light-Emitting Diodes Based on Anisotropic Excitons in Few-Layer ReS. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001890	24	23
43	Significantly enhanced optoelectronic performance of tungsten diselenide phototransistor via surface functionalization. <i>Nano Research</i> , <b>2017</b> , 10, 1282-1291	10	22
42	Optoelectronic Properties of a van der Waals WS Monolayer/2D Perovskite Vertical Heterostructure. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 45235-45242	9.5	22
41	Room-temperature nonlinear Hall effect and wireless radiofrequency rectification in Weyl semimetal TaIrTe. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 421-425	28.7	21
40	Effects Of Structural Phase Transition On Thermoelectric Performance in Lithium-Intercalated Molybdenum Disulfide (Li MoS). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 12184-12189	9.5	20
39	Strong Optical Absorption and Photocarrier Relaxation in 2-D Semiconductors. <i>IEEE Journal of Quantum Electronics</i> , <b>2015</b> , 51, 1-6	2	18
38	Luminescent properties of a water-soluble conjugated polymer incorporating graphene-oxide quantum dots. <i>ChemPhysChem</i> , <b>2015</b> , 16, 1258-62	3.2	18
37	Quantum Transport Detected by Strong Proximity Interaction at a Graphene-WS <sub>2</sub> van der Waals Interface. <i>Nano Letters</i> , <b>2015</b> , 15, 5682-8	11.5	16
36	Electron tunneling at the molecularly thin 2D perovskite and graphene van der Waals interface. <i>Nature Communications</i> , <b>2020</b> , 11, 5483	17.4	16
35	Nonlinear magnetotransport shaped by Fermi surface topology and convexity. <i>Nature Communications</i> , <b>2019</b> , 10, 1290	17.4	15
34	Sub-Picosecond Carrier Dynamics Induced by Efficient Charge Transfer in MoTe/WTe van der Waals Heterostructures. <i>ACS Nano</i> , <b>2019</b> , 13, 9587-9594	16.7	15
33	Enhancing charge-density-wave order in 1T-TiSe <sub>2</sub> nanosheet by encapsulation with hexagonal boron nitride. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 141902	3.4	15
32	Modulating Charge Density Wave Order in a 1T-TaS/Black Phosphorus Heterostructure. <i>Nano Letters</i> , <b>2019</b> , 19, 2840-2849	11.5	13



31	Interlayer screening effects in WS <sub>2</sub> /WSe <sub>2</sub> van der Waals hetero-bilayer. <i>2D Materials</i> , <b>2018</b> , 5, 041003	5.9	12
30	Excitonic Energy Transfer in Heterostructures of Quasi-2D Perovskite and Monolayer WS <sub>2</sub> . <i>ACS Nano</i> , <b>2020</b> , 14, 11482-11489	16.7	12
29	Polarity Tunable Trionic Electroluminescence in Monolayer WSe <sub>2</sub> . <i>Nano Letters</i> , <b>2019</b> , 19, 7470-7475	11.5	11
28	Harnessing Exciton-Exciton Annihilation in Two-Dimensional Semiconductors. <i>Nano Letters</i> , <b>2020</b> , 20, 1647-1653	11.5	11
27	Hexagonal Boron Nitride Crystal Growth from Iron, a Single Component Flux. <i>ACS Nano</i> , <b>2021</b> , 15, 7032-7039	10.3	11
26	Microstructure and Elastic Constants of Transition Metal Dichalcogenide Monolayers from Friction and Shear Force Microscopy. <i>Advanced Materials</i> , <b>2018</b> , 30, e1803748	24	10
25	Observation of wrinkle induced potential drops in biased chemically derived graphene thin film networks. <i>Carbon</i> , <b>2013</b> , 64, 35-44	10.4	10
24	Synthesis of Two-Dimensional Perovskite by Inverse Temperature Crystallization and Studies of Exciton States by Two-Photon Excitation Spectroscopy. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2002661	15.6	9
23	Bundling dynamics of single walled carbon nanotubes in aqueous suspensions. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 093118	2.5	9
22	Suppressed Out-of-Plane Polarizability of Free Excitons in Monolayer WSe <sub>2</sub> . <i>ACS Nano</i> , <b>2019</b> , 13, 3218-3224	14.7	9
21	Layered Hybrid Perovskites for Highly Efficient Three-Photon Absorbers: Theory and Experimental Observation. <i>Advanced Science</i> , <b>2019</b> , 6, 1801626	13.6	9
20	Hexagonal Boron Nitride Single Crystal Growth from Solution with a Temperature Gradient. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 5066-5072	9.6	8
19	Domain Engineering in ReS <sub>2</sub> by Coupling Strain during Electrochemical Exfoliation. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003057	15.6	8
18	Measuring Valley Polarization in Two-Dimensional Materials with Second-Harmonic Spectroscopy. <i>ACS Photonics</i> , <b>2020</b> , 7, 925-931	6.3	8
17	Electro-Optic Upconversion in van der Waals Heterostructures via Nonequilibrium Photocarrier Tunneling. <i>Advanced Materials</i> , <b>2020</b> , 32, e2001543	24	7
16	Valence-band electronic structure evolution of graphene oxide upon thermal annealing for optoelectronics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2016</b> , 213, 2380-2386	1.6	7
15	Observation of the Out-of-Plane Polarized Spin Current from CVD Grown WTe <sub>2</sub> . <i>Advanced Quantum Technologies</i> , <b>2021</b> , 4, 2100038	4.3	6
14	Elastomeric Waveguide on-Chip Coupling of an Encapsulated MoS <sub>2</sub> Monolayer. <i>ACS Photonics</i> , <b>2019</b> , 6, 595-599	6.3	5



13	In-Plane Anisotropic Nonlinear Optical Properties of Two-Dimensional Organic-Inorganic Hybrid Perovskite. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 7010-7018	6.4	4
12	Disorder-driven two-dimensional quantum phase transitions in Li x MoS2. <i>2D Materials</i> , <b>2020</b> , 7, 035013	5.9	3
11	Exciton Polarization and Renormalization Effect for Optical Modulation in Monolayer Semiconductors. <i>ACS Nano</i> , <b>2019</b> , 13, 9218-9226	16.7	3
10	Phase coherent transport in bilayer and trilayer MoS2. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
9	Data-driven discovery of high performance layered van der Waals piezoelectric NbOI.. <i>Nature Communications</i> , <b>2022</b> , 13, 1884	17.4	2
8	Chalcogenide Nanosheets: Optical Signatures of Many-Body Effects and Electronic Band Structure. <i>Nanostructure Science and Technology</i> , <b>2017</b> , 133-162	0.9	1
7	Feature issue introduction: two-dimensional materials for photonics and optoelectronics. <i>Optical Materials Express</i> , <b>2016</b> , 6, 2458	2.6	1
6	Mode-Center Placement of Monolayer WS2 in a Photonic Polymer Waveguide. <i>Advanced Optical Materials</i> , 2101684	8.1	1
5	Impurity-Induced Emission in Re-Doped WS Monolayers. <i>Nano Letters</i> , <b>2021</b> , 21, 5293-5300	11.5	1
4	Tuning photoresponse of graphene-black phosphorus heterostructure by electrostatic gating and photo-induced doping. <i>Chinese Chemical Letters</i> , <b>2021</b> , 33, 368-368	8.1	1
3	In-Plane Field-Driven Excitonic Electro-Optic Modulation in Monolayer Semiconductor. <i>Advanced Optical Materials</i> , <b>2022</b> , 10, 2102132	8.1	1
2	TMD-Based Phototransistors: Anomalous Broadband Spectrum Photodetection in 2D Rhenium Disulfide Transistor (Advanced Optical Materials 23/2019). <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1970088 <sup>8.1</sup>		
1	Phase Matching via Plasmonic Modal Dispersion for Third Harmonic Generation. <i>Advanced Science</i> , 22011806	18.6	1