

Rudolf Bratschitsch

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

149 papers	7,873 citations	42 h-index	87 g-index
210 ext. papers	9,317 ext. citations	6.7 avg, IF	5.76 L-index

#	Paper	IF	Citations
149	Nanoscale imaging magnetometry with diamond spins under ambient conditions. <i>Nature</i> , 2008 , 455, 648-51	50.4	1280
148	Photoluminescence emission and Raman response of monolayer MoS ₂ /MoSe ₂ and WSe ₂ . <i>Optics Express</i> , 2013 , 21, 4908-16	3.3	1005
147	Active magneto-plasmonics in hybrid metal/ferromagnet structures. <i>Nature Photonics</i> , 2010 , 4, 107-111	33.9	384
146	Single-photon emission from localized excitons in an atomically thin semiconductor. <i>Optica</i> , 2015 , 2, 347	8.6	290
145	Resonant internal quantum transitions and femtosecond radiative decay of excitons in monolayer WSe ₂ . <i>Nature Materials</i> , 2015 , 14, 889-93	27	224
144	Efficient nonlinear light emission of single gold optical antennas driven by few-cycle near-infrared pulses. <i>Physical Review Letters</i> , 2009 , 103, 257404	7.4	194
143	Photovoltaic and photothermoelectric effect in a double-gated WSe ₂ device. <i>Nano Letters</i> , 2014 , 14, 5846-52	11.5	186
142	Trion fine structure and coupled spin-valley dynamics in monolayer tungsten disulfide. <i>Nature Communications</i> , 2016 , 7, 12715	17.4	185
141	Nanomechanical control of an optical antenna. <i>Nature Photonics</i> , 2008 , 2, 230-233	33.9	148
140	Tailoring spatiotemporal light confinement in single plasmonic nanoantennas. <i>Nano Letters</i> , 2012 , 12, 992-6	11.5	139
139	Strain Control of Exciton-Phonon Coupling in Atomically Thin Semiconductors. <i>Nano Letters</i> , 2018 , 18, 1751-1757	11.5	121
138	Nanoscale Positioning of Single-Photon Emitters in Atomically Thin WSe ₂ . <i>Advanced Materials</i> , 2016 , 28, 7101-5	24	121
137	Biaxial strain tuning of the optical properties of single-layer transition metal dichalcogenides. <i>Npj 2D Materials and Applications</i> , 2017 , 1,	8.8	118
136	Optimum photoluminescence excitation and recharging cycle of single nitrogen-vacancy centers in ultrapure diamond. <i>Physical Review Letters</i> , 2012 , 109, 097404	7.4	113
135	Ultrafast Coulomb-Induced Intervalley Coupling in Atomically Thin WS ₂ . <i>Nano Letters</i> , 2016 , 16, 2945-50	11.5	110
134	Thickness-Dependent Differential Reflectance Spectra of Monolayer and Few-Layer MoS ₂ /MoSe ₂ and WSe ₂ . <i>Nanomaterials</i> , 2018 , 8,	5.4	106
133	Precise and reversible band gap tuning in single-layer MoSe ₂ by uniaxial strain. <i>Nanoscale</i> , 2016 , 8, 2589-93	7.7	102

132	Phonon Sidebands in Monolayer Transition Metal Dichalcogenides. <i>Physical Review Letters</i> , 2017 , 119, 187402	7.4	100
131	Thermally assisted all-optical helicity dependent magnetic switching in amorphous Fe(100-x)Tb(x) alloy films. <i>Advanced Materials</i> , 2013 , 25, 3122-8	24	100
130	Nanoantenna-Enhanced Light-Matter Interaction in Atomically Thin WS ₂ . <i>ACS Photonics</i> , 2015 , 2, 1260-1265	26.5	92
129	Dark and bright exciton formation, thermalization, and photoluminescence in monolayer transition metal dichalcogenides. <i>2D Materials</i> , 2018 , 5, 035017	5.9	89
128	Reversible uniaxial strain tuning in atomically thin WSe ₂ . <i>2D Materials</i> , 2016 , 3, 021011	5.9	89
127	Highly Anisotropic in-Plane Excitons in Atomically Thin and Bulklike 1T'-ReSe ₂ . <i>Nano Letters</i> , 2017 , 17, 3202-3207	11.5	86
126	Micro-reflectance and transmittance spectroscopy: a versatile and powerful tool to characterize 2D materials. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 074002	3	80
125	Thickness-Dependent Refractive Index of 1L, 2L, and 3L MoS ₂ , MoSe ₂ , WS ₂ , and WSe ₂ . <i>Advanced Optical Materials</i> , 2019 , 7, 1900239	8.1	80
124	Excitonic Valley Effects in Monolayer WS ₂ under High Magnetic Fields. <i>Nano Letters</i> , 2016 , 16, 7899-7904	11.5	80
123	Valley Zeeman Splitting and Valley Polarization of Neutral and Charged Excitons in Monolayer MoTe ₂ at High Magnetic Fields. <i>Nano Letters</i> , 2016 , 16, 3624-9	11.5	73
122	Two-octave spanning supercontinuum generation in stoichiometric silicon nitride waveguides pumped at telecom wavelengths. <i>Optics Express</i> , 2017 , 25, 1542-1554	3.3	64
121	Single defect centers in diamond nanocrystals as quantum probes for plasmonic nanostructures. <i>Optics Express</i> , 2011 , 19, 7914-20	3.3	64
120	Magnetic-Field-Induced Rotation of Polarized Light Emission from Monolayer WS ₂ . <i>Physical Review Letters</i> , 2016 , 117, 077402	7.4	63
119	Bow-tie nano-antenna assisted generation of extreme ultraviolet radiation. <i>New Journal of Physics</i> , 2013 , 15, 093027	2.9	57
118	Single-photon emitters in GaSe. <i>2D Materials</i> , 2017 , 4, 021010	5.9	52
117	Femtosecond nonlinear ultrasonics in gold probed with ultrashort surface plasmons. <i>Nature Communications</i> , 2013 , 4, 1468	17.4	52
116	Interlayer excitons in a bulk van der Waals semiconductor. <i>Nature Communications</i> , 2017 , 8, 639	17.4	52
115	On-Chip Waveguide Coupling of a Layered Semiconductor Single-Photon Source. <i>Nano Letters</i> , 2017 , 17, 5446-5451	11.5	52

114	Femtosecond few-fermion dynamics and deterministic single-photon gain in a quantum dot. <i>Nature Physics</i> , 2009 , 5, 352-356	16.2	51
113	Colloidal quantum dots in all-dielectric high-Q pillar microcavities. <i>Nano Letters</i> , 2007 , 7, 2897-900	11.5	50
112	Enhancement of the magnetic modulation of surface plasmon polaritons in Au/Co/Au films. <i>Applied Physics Letters</i> , 2010 , 97, 183114	3.4	49
111	Electroluminescence from multi-particle exciton complexes in transition metal dichalcogenide semiconductors. <i>Nature Communications</i> , 2019 , 10, 1709	17.4	48
110	Ultrafast coherent electron transport in semiconductor quantum cascade structures. <i>Physical Review Letters</i> , 2002 , 89, 047402	7.4	46
109	Spin-on spintronics: ultrafast electron spin dynamics in ZnO and Zn _{1-x} CoxO sol-gel films. <i>Nano Letters</i> , 2011 , 11, 3355-60	11.5	42
108	Defect induced low temperature ferromagnetism in Zn _{1-x} CoxO films. <i>Journal of Applied Physics</i> , 2007 , 101, 073904	2.5	42
107	Inverted valley polarization in optically excited transition metal dichalcogenides. <i>Nature Communications</i> , 2018 , 9, 971	17.4	38
106	All-optical helicity dependent magnetic switching in an artificial zero moment magnet. <i>Applied Physics Letters</i> , 2014 , 104, 082406	3.4	38
105	Ultrafast spin dynamics in colloidal ZnO quantum dots. <i>Nano Letters</i> , 2008 , 8, 1991-4	11.5	38
104	Revisiting the Buckling Metrology Method to Determine the Young's Modulus of 2D Materials. <i>Advanced Materials</i> , 2019 , 31, e1807150	24	37
103	Magnetic-Field-Dependent THz Emission of Spintronic TbFe/Pt Layers. <i>ACS Photonics</i> , 2018 , 5, 3936-3942	2.3	37
102	Phonon-assisted emission and absorption of individual color centers in hexagonal boron nitride. <i>2D Materials</i> , 2019 , 6, 035006	5.9	36
101	Low-remanence criterion for helicity-dependent all-optical magnetic switching in ferrimagnets. <i>Physical Review B</i> , 2015 , 91,	3.3	36
100	Enhanced Visibility of MoS ₂ , MoSe ₂ , WSe ₂ and Black-Phosphorus: Making Optical Identification of 2D Semiconductors Easier. <i>Electronics (Switzerland)</i> , 2015 , 4, 847-856	2.6	36
99	Effects of disorder on electron spin dynamics in a semiconductor quantum well. <i>Nature Physics</i> , 2007 , 3, 265-269	16.2	35
98	Coupling of single nitrogen-vacancy defect centers in diamond nanocrystals to optical antennas and photonic crystal cavities. <i>Physica Status Solidi (B): Basic Research</i> , 2012 , 249, 918-924	1.3	34
97	Interlayer excitons in bilayer MoS under uniaxial tensile strain. <i>Nanoscale</i> , 2019 , 11, 12788-12792	7.7	32

96	Excited-State Trions in Monolayer WS ₂ . <i>Physical Review Letters</i> , 2019 , 123, 167401	7.4	32
95	Temperature dependence of the electron spin g factor in GaAs. <i>Physical Review B</i> , 2008 , 78,	3.3	32
94	Thickness determination of MoS ₂ , MoSe ₂ , WS ₂ and WSe ₂ on transparent stamps used for deterministic transfer of 2D materials. <i>Nano Research</i> , 2019 , 12, 1691-1695	10	30
93	Sampling a terahertz dipole transition with subcycle time resolution. <i>Optics Letters</i> , 2000 , 25, 272-4	3	29
92	Femtosecond surface plasmon interferometry. <i>Optics Express</i> , 2009 , 17, 8423-32	3.3	27
91	Generation of phase-locked and tunable continuous-wave radiation in the terahertz regime. <i>Optics Letters</i> , 2005 , 30, 3231-3	3	27
90	Ultraviolet photoluminescence of ZnO quantum dots sputtered at room-temperature. <i>Optics Express</i> , 2011 , 19, 1641-7	3.3	25
89	Encapsulating of single quantum dots into polymer particles. <i>Colloid and Polymer Science</i> , 2008 , 286, 1329-1334	2.4	25
88	Electron spin polarization through interactions between excitons, trions, and the two-dimensional electron gas. <i>Physical Review B</i> , 2007 , 75,	3.3	24
87	Intersubband absorption dynamics in coupled quantum wells. <i>Applied Physics Letters</i> , 2001 , 79, 2755-2757	3.4	24
86	Ultrafast dynamics in monolayer transition metal dichalcogenides: Interplay of dark excitons, phonons, and intervalley exchange. <i>Physical Review Research</i> , 2019 , 1,	3.9	24
85	Diamond nanophotonics. <i>Beilstein Journal of Nanotechnology</i> , 2012 , 3, 895-908	3	23
84	Spectral dependence of the magnetic modulation of surface plasmon polaritons in noble/ferromagnetic/noble metal films. <i>Physical Review B</i> , 2012 , 86,	3.3	23
83	Optical excitation and control of electron spins in semiconductor quantum wells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010 , 42, 1803-1819	3	22
82	Dark trions govern the temperature-dependent optical absorption and emission of doped atomically thin semiconductors. <i>Physical Review B</i> , 2020 , 101,	3.3	21
81	All-optical helicity dependent magnetic switching in Tb-Fe thin films with a MHz laser oscillator. <i>Optics Express</i> , 2014 , 22, 10017-25	3.3	21
80	Ultrafast spin dynamics in optically excited bulk GaAs at low temperatures. <i>Physical Review B</i> , 2010 , 81,	3.3	21
79	Spintronic GdFe/Pt THz emitters. <i>Applied Physics Letters</i> , 2019 , 115, 152401	3.4	20

78	Dependence of all-optical magnetic switching on the sublattice magnetization orientation in Tb-Fe thin films. <i>Applied Physics Letters</i> , 2014 , 105, 112403	3.4	20
77	The structure and optical properties of ZnO nanocrystals embedded in SiO ₂ fabricated by radio-frequency sputtering. <i>Nanotechnology</i> , 2009 , 20, 075601	3.4	20
76	Valley-contrasting optics of interlayer excitons in Mo- and W-based bulk transition metal dichalcogenides. <i>Nanoscale</i> , 2018 , 10, 15571-15577	7.7	18
75	Colloidal ZnO quantum dots in ultraviolet pillar microcavities. <i>Optics Express</i> , 2008 , 16, 9791-4	3.3	18
74	Defect induced ferromagnetism in Co-doped ZnO thin films. <i>Journal of Physics: Conference Series</i> , 2008 , 100, 042034	0.3	18
73	Valley dynamics of excitons in monolayer dichalcogenides. <i>Physica Status Solidi - Rapid Research Letters</i> , 2017 , 11, 1700131	2.5	17
72	Exciton-phonon coupling in mono- and bilayer MoTe ₂ . <i>2D Materials</i> , 2018 , 5, 045007	5.9	17
71	Role of Coulomb correlations for femtosecond pump-probe signals obtained from a single quantum dot. <i>Physical Review B</i> , 2011 , 84,	3.3	17
70	Surface-modified GaAs terahertz plasmon emitter. <i>Applied Physics Letters</i> , 2002 , 81, 871-873	3.4	17
69	Strain transfer across grain boundaries in MoS ₂ monolayers grown by chemical vapor deposition. <i>2D Materials</i> , 2018 , 5, 031003	5.9	16
68	Nano-antenna-assisted harmonic generation. <i>Applied Physics B: Lasers and Optics</i> , 2013 , 113, 75-79	1.9	16
67	Triggered single-photon emission in the red spectral range from optically excited InP/(Al,Ga)InP quantum dots embedded in micropillars up to 100 K. <i>Journal of Applied Physics</i> , 2011 , 110, 063108	2.5	16
66	Coherent terahertz emission from optically pumped intersubband plasmons in parabolic quantum wells. <i>Applied Physics Letters</i> , 2000 , 76, 3501-3503	3.4	16
65	Thermomagnetic control of spintronic THz emission enabled by ferrimagnets. <i>Applied Physics Letters</i> , 2020 , 116, 012402	3.4	16
64	Electron spin coherence in n-doped CdTe/MgTe quantum wells. <i>Applied Physics Letters</i> , 2006 , 89, 221113	3.4	15
63	Selective Raman modes and strong photoluminescence of gallium selenide flakes on sp ² carbon. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2014 , 32, 04E106	1.3	14
62	Exciton broadening and band renormalization due to Dexter-like intervalley coupling. <i>2D Materials</i> , 2018 , 5, 025011	5.9	12
61	Incorporation of oxygen atoms as a mechanism for photoluminescence enhancement of chemically treated MoS ₂ . <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 16918-16923	3.6	12

60	Strain-dependent exciton diffusion in transition metal dichalcogenides. <i>2D Materials</i> , 2021 , 8, 015030	5.9	11
59	Space- and time-resolved UV-to-NIR surface spectroscopy and 2D nanoscopy at 1 MHz repetition rate. <i>Review of Scientific Instruments</i> , 2019 , 90, 113103	1.7	11
58	Zeeman spectroscopy of excitons and hybridization of electronic states in few-layer WSe ₂ , MoSe ₂ and MoTe ₂ . <i>2D Materials</i> , 2019 , 6, 015010	5.9	11
57	Nano-antennae assisted emission of extreme ultraviolet radiation. <i>Annalen Der Physik</i> , 2014 , 526, 119-1346	3.4	10
56	Assignment of the NV0 575-nm zero-phonon line in diamond to a 2E-2A ₂ transition. <i>Physical Review B</i> , 2013 , 87,	3.3	10
55	Spin valves as magnetically switchable spintronic THz emitters. <i>Applied Physics Letters</i> , 2020 , 117, 132403	3.4	10
54	Supercontinuum second harmonic generation spectroscopy of atomically thin semiconductors. <i>Review of Scientific Instruments</i> , 2019 , 90, 083102	1.7	8
53	Interference effects in transient Kerr spectra of a semiconductor multilayer structure. <i>Optics Letters</i> , 2005 , 30, 2320-2	3	8
52	Photoconductive response of InAs/GaAs quantum dot stacks. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 190-193	3	8
51	Strain tuning of the Stokes shift in atomically thin semiconductors. <i>Nanoscale</i> , 2020 , 12, 20786-20796	7.7	8
50	Coherent THz plasmons in GaAs/AlGaAs superlattices. <i>Physica B: Condensed Matter</i> , 1999 , 272, 375-377	2.8	7
49	Facile synthesis of WS nanotubes by sulfurization of tungsten thin films: formation mechanism, and structural and optical properties. <i>Nanoscale</i> , 2018 , 10, 16683-16691	7.7	6
48	Theory of the Coherent Response of Magneto-Excitons and Magneto-Biexcitons in Monolayer Transition Metal Dichalcogenides. <i>Physical Review B</i> , 2020 , 102,	3.3	6
47	Assembly of large hBN nanocrystal arrays for quantum light emission. <i>2D Materials</i> , 2021 , 8, 035005	5.9	6
46	Magnetic and Optical Properties of Gold-Coated Iron Oxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 4987-4993	1.3	5
45	Optical properties of red emitting self-assembled InP/(Al _{0.20} Ga _{0.80}) _{0.51} In _{0.49} P quantum dot based micropillars. <i>Optics Express</i> , 2010 , 18, 12543-51	3.3	5
44	Electron spin dephasing in n-doped CdTe/(Cd, Mg)Te quantum wells. <i>Physica Status Solidi (B): Basic Research</i> , 2006 , 243, 2290-2292	1.3	5
43	Intersubband relaxation dynamics in semiconductor quantum structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002 , 13, 908-911	3	4

42	Ultrafast spin phenomena in highly excited n-doped GaAs. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2003 , 1506-1508		4
41	Single-Photon Emitters: Nanoscale Positioning of Single-Photon Emitters in Atomically Thin WSe ₂ (Adv. Mater. 33/2016). <i>Advanced Materials</i> , 2016 , 28, 7032-7032	24	3
40	Nanoantenna-controlled radiation pattern of the third-harmonic emission. <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1	1.9	3
39	Magneto-optical response of ferrimagnetic Tb-Fe thin films in the visible and ultraviolet range. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 245001	3	3
38	The lower branch of plasmon-phonon coupled modes. <i>Semiconductor Science and Technology</i> , 2000 , 15, 813-817	1.8	3
37	Single-photon emitters in layered van der Waals materials. <i>Physica Status Solidi (B): Basic Research</i> ,	1.3	3
36	Biaxial strain in atomically thin transition metal dichalcogenides 2017 ,		3
35	Photoluminescence Emission and Raman Response of MoS ₂ , MoSe ₂ , and WSe ₂ Nanolayers 2013 ,		3
34	Dispersionless Propagation of Ultrashort Spin-Wave Pulses in Ultrathin Yttrium Iron Garnet Waveguides. <i>Physical Review Applied</i> , 2021 , 16,	4.3	3
33	InP quantum dots in pillar microcavities [mode spectra and single-photon emission. <i>Journal of Physics: Conference Series</i> , 2010 , 210, 012010	0.3	2
32	Few-cycle THz generation for imaging and tomography applications. <i>Physics in Medicine and Biology</i> , 2002 , 47, 3691-7	3.8	2
31	Resonant photocurrent from a single quantum emitter in tungsten diselenide. <i>2D Materials</i> , 2020 , 7, 045021	5.9	2
30	Dark exciton anti-funneling in atomically thin semiconductors. <i>Nature Communications</i> , 2021 , 12, 7221	17.4	2
29	Buckling 2D Materials: Revisiting the Buckling Metrology Method to Determine the Young's Modulus of 2D Materials (Adv. Mater. 10/2019). <i>Advanced Materials</i> , 2019 , 31, 1970074	24	1
28	Ultrafast spin dynamics in magnetic wide-bandgap semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 1685-1693	1.3	1
27	Mehr Licht! Femtosekunden-Quantenoptik mit Festkörper-Nanostrukturen. <i>Physik in Unserer Zeit</i> , 2010 , 41, 191-196	0.1	1
26	Coherent THz Plasmons in GaAs: Transition from Pure Plasmons to Coupled Plasmon-Phonon Modes. <i>Physica Status Solidi (B): Basic Research</i> , 1997 , 204, 64-66	1.3	1
25	Few-cycle THz spectroscopy of semiconductor quantum structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001 , 9, 76-83	3	1

24	Few-cycle THz spectroscopy of nanostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2000 , 7, 693-697	3	1
23	Monitoring the ultrafast electric field change at a mid-infrared plasma Bragg mirror. <i>Optics Letters</i> , 2001 , 26, 1618-20	3	1
22	Composition-dependent ultrafast THz emission of spintronic CoFe/Pt thin films. <i>Applied Physics Letters</i> , 2022 , 120, 042404	3.4	1
21	Anisotropic exciton diffusion in atomically-thin semiconductors. <i>2D Materials</i> , 2022 , 9, 025008	5.9	1
20	Ultrafast coherent electron transport in quantum cascade structures. <i>Springer Series in Chemical Physics</i> , 2003 , 356-358	0.3	1
19	Covalent photofunctionalization and electronic repair of 2H-MoS ₂ via nitrogen incorporation. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 18517-18524	3.6	1
18	Polarization contrast scattering spectroscopy of individual metal nanoantennas. <i>Applied Physics B: Lasers and Optics</i> , 2017 , 123, 1	1.9	
17	Ultrafast electron spin dynamics in ZnO and Zn _{1-x} CoxO sol-gel thin films. <i>EPJ Web of Conferences</i> , 2013 , 41, 03015	0.3	
16	Coulomb correlations in quantum dots and their signatures in single dot femtosecond pump-probe signals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011 , 8, 1117-1120		
15	Femtosecond quantum optics with semiconductor nanostructures 2012 , 487-527		
14	Femtosecond probing of few-fermion dynamics and deterministic single-photon gain in a single semiconductor quantum dot. <i>Journal of Physics: Conference Series</i> , 2010 , 210, 012035	0.3	
13	Direct measurement of intersubband dynamics. <i>Physica B: Condensed Matter</i> , 2002 , 314, 259-262	2.8	
12	Coherent vs. incoherent charge transport in semiconductor quantum cascade structures 2004 , 5352, 333		
11	Coherent THz emission from optically pumped intersubband plasmons in parabolic quantum wells. <i>Springer Series in Chemical Physics</i> , 2001 , 203-205	0.3	
10	Few-Cycle THz Spectroscopy of Semiconductor Quantum Structures. <i>Springer Proceedings in Physics</i> , 2001 , 579-582	0.2	
9	Excitation Dynamics beyond the Slowly-Varying Envelope Approximation. <i>Springer Series in Chemical Physics</i> , 2001 , 235-237	0.3	
8	Population dynamics in quantum structures. <i>Springer Series in Chemical Physics</i> , 2003 , 392-394	0.3	
7	TERAHERTZ TECHNOLOGY Terahertz Physics of Semiconductor Heterostructures 2005 , 168-176		

6	Thermally Assisted All-Optical Helicity Dependent Switching of Ferrimagnetic Amorphous Fe _{100-x} Tbx Thin Films. <i>Springer Proceedings in Physics</i> , 2015 , 238-240	0.2
5	Nonlinear Optical Response of Metal Nanoantennas. <i>Springer Series in Chemical Physics</i> , 2009 , 711-713	0.3
4	Correlative Luminescence and Absorption Spectroscopy from Monolayer WSe ₂ at the Nanoscale. <i>Microscopy and Microanalysis</i> , 2021 , 27, 1470-1472	0.5
3	Understanding transition metal dichalcogenide absorption line widths in electron energy loss spectroscopy. <i>Microscopy and Microanalysis</i> , 2021 , 27, 1170-1172	0.5
2	Moiré Angle Dependent Excitonic Absorption in Twisted Bilayer WSe ₂ by EELS. <i>Microscopy and Microanalysis</i> , 2021 , 27, 122-123	0.5
1	Quantitative Strain and Topography Mapping of 2D Materials Using Nanobeam Electron Diffraction.. <i>Microscopy and Microanalysis</i> , 2022 , 1-15	0.5