Yang Mei

List of Publications by Year
in descending order

39 papers	955 citations	516710 16 h-index	454955 30 g-index
41 all docs	41 docs citations	41 times ranked	1488 citing authors

#	Article	IF	Citations
1	FOXO3a-dependent regulation of Pink1 (Park6) mediates survival signaling in response to cytokine deprivation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5153-5158.	7.1	146
2	Quantum dot vertical-cavity surface-emitting lasers covering the â€˜green gapâ€™. Light: Science and Applications, 2017, 6, e16199-e16199.	16.6	92
3	Nuclear Condensation during Mouse Erythropoiesis Requires Caspase-3-Mediated Nuclear Opening. Developmental Cell, 2016, 36, 498-510.	7.0	78
4	Low threshold continuous-wave lasing of yellow-green InGaN-QD vertical-cavity surface-emitting lasers. Optics Express, 2016, 24, 15546.	3.4	57
5	Progress and prospects of GaN-based VCSEL from near UV to green emission. Progress in Quantum Electronics, 2018, 57, 1-19.	7.0	54
6	Aberrant overexpression of CD14 on granulocytes sensitizes the innate immune response in mDia1 heterozygous del(5q) MDS. Blood, 2014, 124, 780-790.	1.4	42
7	Erythropoietin-regulated oxidative stress negatively affects enucleation during terminal erythropoiesis. Experimental Hematology, 2016, 44, 975-981.	0.4	42
8	Regulation of cell cycle progression by forkhead transcription factor FOXO3 through its binding partner DNA replication factor Cdt1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5717-5722.	7.1	40
9	Advances in application of ultraviolet irradiation for biofilm control in water and wastewater infrastructure. Journal of Hazardous Materials, 2022, 421, 126682.	12.4	40
10	Regulation of neuroblastoma differentiation by forkhead transcription factors FOXO1/3/4 through the receptor tyrosine kinase PDGFRA. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4898-4903.	7.1	39
11	TRIM39 regulates cell cycle progression and DNA damage responses via stabilizing p21. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20937-20942.	7.1	38
12	Loss of pleckstrin-2 reverts lethality and vascular occlusions in JAK2V617F-positive myeloproliferative neoplasms. Journal of Clinical Investigation, 2017, 128, 125-140.	8.2	30
13	Histone deacetylase 6 regulates cytokinesis and erythrocyte enucleation through deacetylation of formin protein mDia2. Haematologica, 2017, 102, 984-994.	3.5	29
14	Targeted shRNA screening identified critical roles of pleckstrin-2 in erythropoiesis. Haematologica, 2014, 99, 1157-1167.	3.5	28
15	A comparative study of thermal characteristics of GaN-based VCSELs with three different typical structures. Semiconductor Science and Technology, 2018, 33, 015016.	2.0	24
16	Ineffective erythropoiesis caused by binucleated late-stage erythroblasts in mDia2 hematopoietic specific knockout mice. Haematologica, 2016, 101, e1-e5.	3.5	21
17	AlGaN-Based Deep Ultraviolet Vertical-Cavity Surface-Emitting Laser. IEEE Electron Device Letters, 2021, 42, 375-378.	3.9	19
18	Electrically injected GaN-based microdisk towards an efficient whispering gallery mode laser. Optics Express, 2021, 29, 5598.	3.4	13

#	Article	IF	Citations
19	Diaphanous-related formin mDia2 regulates beta2 integrins to control hematopoietic stem and progenitor cell engraftment. Nature Communications, 2020, 11, 3172.	12.8	11
20	Photoluminescence of InGaN-based red multiple quantum wells. Optics Express, 2021, 29, 30237.	3.4	11
21	Loss of mDia1 causes neutropenia via attenuated CD11b endocytosis and increased neutrophil adhesion to the endothelium. Blood Advances, 2017, 1, 1650-1656.	5.2	10
22	Mouse Fetal Liver Culture System to Dissect Target Gene Functions at the Early and Late Stages of Terminal Erythropoiesis. Journal of Visualized Experiments, 2014, , e51894.	0.3	9
23	Tunable InGaN quantum dot microcavity light emitters with 129â€‰nm tuning range from yellow-green to violet. Applied Physics Letters, 2017, 111, .	3.3	8
24	Green Vertical-Cavity Surface-Emitting Lasers Based on Combination of Blue-Emitting Quantum Wells and Cavity-Enhanced Recombination. IEEE Transactions on Electron Devices, 2018, 65, 4401-4406.	3.0	8
25	Effects of Lateral Optical Confinement In GaN VCSELs With Double Dielectric DBRs. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	8
26	Low-threshold wavelength-tunable ultraviolet vertical-cavity surface-emitting lasers from 376 to 409 nm. Fundamental Research, 2021, 1, 684-690.	3.3	7
27	Low Threshold GaN-Based Microdisk Lasers on Silicon With High Q Factor. Journal of Lightwave Technology, 2022, 40, 2952-2958.	4.6	7
28	Emission dynamics of GaN-based blue resonant-cavity light-emitting diodes. Journal of Luminescence, 2019, 216, 116717.	3.1	6
29	Optical properties of InGaN-based red multiple quantum wells. Applied Physics Letters, 2022, 120, .	3.3	6
30	Multiwavelength GaNâ€Based Surfaceâ€Emitting Lasers and Their Design Principles. Annalen Der Physik, 2020, 532, 1900308.	2.4	5
31	Improvement of Thermal Dissipation of GaN-Based Micro Cavity Light-Emitting Devices. IEEE Photonics Technology Letters, 2021, 33, 19-22.	2.5	5
32	Optical Gain at 637 nm Wavelength in Polymer Waveguide Amplifier Under Commercial LED Pumping for Planar Photonic Integration. Advanced Optical Materials, 2022, 10, .	7.3	5
33	Optical Properties of InGaN/GaN QW with the Same Well-Plus-Barrier Thickness. Crystals, 2022, 12, 114.	2.2	4
34	High Q factor Electrically Injected Green Micro Cavity. Journal of Lightwave Technology, 2021, 39, 2895-2901.	4.6	3
35	InGaN-Based Orange-Red Resonant Cavity Light-Emitting Diodes. Journal of Lightwave Technology, 2022, 40, 4337-4343.	4.6	3
36	GaN-based green resonant-cavity light-emitting diodes with Al mirror and copper plate. Optics Letters, 2022, 47, 2858.	3.3	3

#	ARTICLE	IF	CITATIONS
37	Investigation of CsPbBr₃ CVD dynamics at various temperatures. Physical Chemistry Chemical Physics, 2021, 23, 23214-23218.	2.8	2
38	Room temperature continuous wave lasing of GaN-based green vertical-cavity surface-emitting lasers. , 2019, , .		1
39	Dual-wavelength switching in InGaN quantum dot micro-cavity light-emitting diodes. Optics Express, 2022, 30, 27472.	3.4	1