Jakub Jagielski

List of Publications by Year
in descending order

21	1,021	758635 12	839053 18
papers	citations	h-index	g-index

21	21	21	2007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient Blue Electroluminescence Using Quantum-Confined Two-Dimensional Perovskites. ACS Nano, 2016, 10, 9720-9729.	7.3	299
2	Ultrapure Green Light-Emitting Diodes Using Two-Dimensional Formamidinium Perovskites: Achieving Recommendation 2020 Color Coordinates. Nano Letters, 2017, 17, 5277-5284.	4.5	221
3	Hierarchical Sn-MFI zeolites prepared by facile top-down methods for sugar isomerisation. Catalysis Science and Technology, 2014, 4, 2302.	2.1	99
4	Aggregation-induced emission in lamellar solids of colloidal perovskite quantum wells. Science Advances, 2017, 3, eaaq0208.	4.7	65
5	Layer-controlled two-dimensional perovskites: synthesis and optoelectronics. Journal of Materials Chemistry C, 2017, 5, 5610-5627.	2.7	60
6	Understanding the Ligand Effects on Photophysical, Optical, and Electroluminescent Characteristics of Hybrid Lead Halide Perovskite Nanocrystal Solids. Journal of Physical Chemistry Letters, 2019, 10, 7560-7567.	2.1	49
7	Continuous color tuning of single-fluorophore emission via polymerization-mediated through-space charge transfer. Science Advances, 2021, 7, .	4.7	43
8	Kinetics of Monoclonal Antibody Aggregation from Dilute toward Concentrated Conditions. Journal of Physical Chemistry B, 2016, 120, 3267-3280.	1.2	40
9	Highly Efficient Green Solution Processable Organic Light-Emitting Diodes Based on a Phosphorescent Î³-(N^C^C)Gold(III)-Alkynyl Complex. Chemistry of Materials, 2020, 32, 1605-1611.	3.2	37
10	Scalable photonic sources using two-dimensional lead halide perovskite superlattices. Nature Communications, 2020, 11, 387.	5.8	29
11	Mixing Entropy-Induced Layering Polydispersity Enabling Efficient and Stable Perovskite Nanocrystal Light-Emitting Diodes. ACS Energy Letters, 2019, 4, 118-125.	8.8	24
12	Phosphorescent Î³³â€(N^C^C)â€Gold(III) Complexes: Synthesis, Photophysics, Computational Studies and Application to Solutionâ€Processable OLEDs. Chemistry - A European Journal, 2020, 26, 17604-17612.	1.7	15
13	Efficient perovskite nanocrystal light-emitting diodes using a benzimidazole-substituted anthracene derivative as the electron transport material. Journal of Materials Chemistry C, 2019, 7, 8938-8945.	2.7	12
14	Ligand-assisted solid phase synthesis of mixed-halide perovskite nanocrystals for color-pure and efficient electroluminescence. Journal of Materials Chemistry C, 2021, 9, 5771-5778.	2.7	10
15	Monochromatic LEDs based on perovskite quantum dots: Opportunities and challenges. Journal of the Society for Information Display, 2019, 27, 667-678.	0.8	7
16	Flexible Green Perovskite Light Emitting Diodes. IEEE Journal of the Electron Devices Society, 2019, 7, 769-775.	1.2	6
17	18-2: Ultrapure Green Light-Emitting Diodes using Colloidal Quantum Wells of Hybrid Lead Halide Perovskites. Digest of Technical Papers SID International Symposium, 2018, 49, 214-217.	0.1	3
18	Low-Temperature Wet Conformal Nickel Silicide Deposition for Transistor Technology through an Organometallic Approach. ACS Applied Materials & Interfaces, 2017, 9, 4948-4955.	4.0	1

#	Article	IF	Citations
19	Quantum Confined Colloidal Perovskite Nanoplatelets for Extremely Pure Green and Efficient LEDs. , 2018, , .		1
20	(Invited) Aggregation-Induced Emission in Lamellar Solids of Colloidal Perovskite Quantum Wells. ECS Meeting Abstracts, 2018, , .	0.0	0
21	Color Pure Green and Blue Electroluminescence Using Colloidal Quantum Confined Perovskites. ECS Meeting Abstracts, 2018, , .	0.0	0