

Podklady pro habilitační řízení na FM TUL – přehled publikační činnosti

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Hodnocené období: 2017-2021

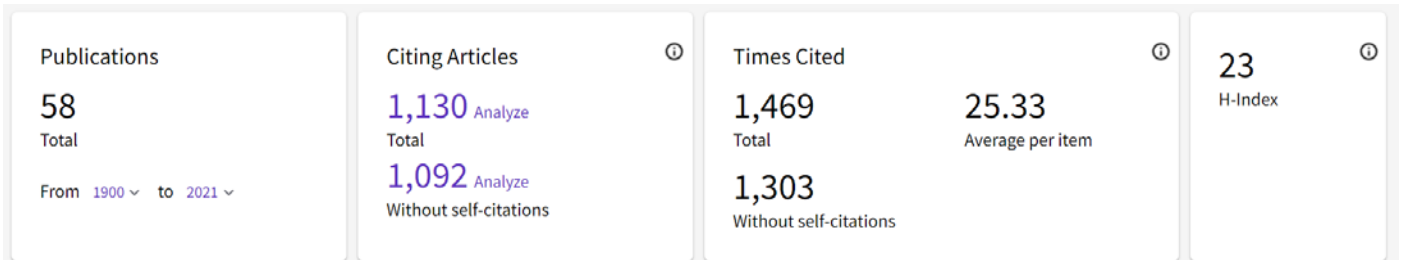
Hirschův h-index: 23

Celkový počet citací: 1469 (1303 bez autocitací)

(údaje z databáze Web of Science, 07/2021)

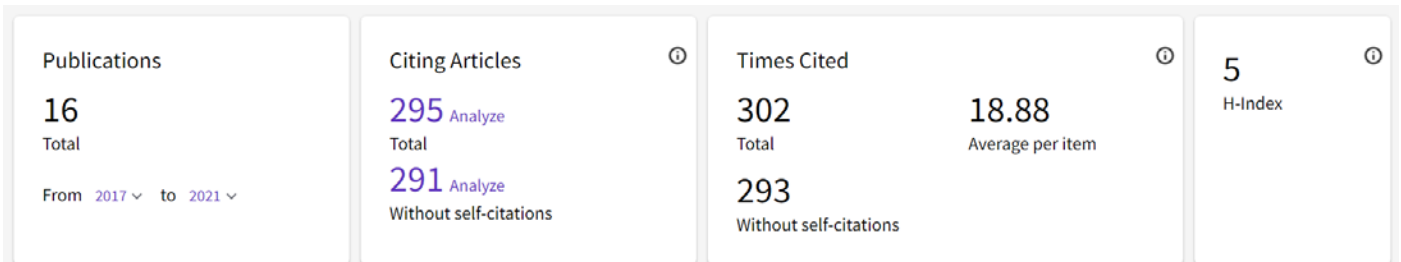
Celkový publikační přehled

počet citací: 1469



Publikační přehled za období 2017-2021

Celkový počet citací: 302 (293 bez autocitací)



Z těchto 16 publikací je 15 publikací v impaktovaných časopisech, 1 ve sborníku konferencí indexovaných Web of Science.

Seznam publikací v časopisech a sbornících konferencí a počty citací
(údaje vyexportované z Web of Science, řazeno podle počtu citací)

číslo čl.	počet autorů	celkem	2017	2018	2019	2020	2021	Průměr	Celkem
			11	56	93	97	45	60.4	302
1	12	Size- and Wavelength-Dependent Two-Photon Absorption Cross-Section of CsPbBr ₃ Perovskite Quantum Dots <u>Chen, JS; Zidek, K; (...); Pullerits, T</u> May 18 2017 JOURNAL OF PHYSICAL CHEMISTRY LETTERS	4	24	23	28	17	19.2	96
2	8	Identification and characterization of diverse coherences in the Fenna-Matthews-Olson complex <u>Thyrhaug, E; Tempelaar, R; (...); Zigmantas, D</u> Jul 2018 NATURE CHEMISTRY	0	8	38	33	16	23.75	95
3	9	Two mechanisms for dissipation of excess light in monomeric and trimeric light-harvesting complexes <u>Dall'Osto, L; Cazzaniga, S; (...); Bassi, R</u> May 2017 NATURE PLANTS	5	24	23	25	7	16.8	84
4	3	Lensless Photoluminescence Hyperspectral Camera Employing Random Speckle Patterns <u>Zidek, K; Denk, O and Hlubucek, J</u> Nov 10 2017 SCIENTIFIC REPORTS	0	0	2	2	1	1	5
5	12	Drastic difference between hole and electron injection through the gradient shell of CdxSeyZn1-xS1-y quantum dots <u>Abdellah, M; Poulsen, F; (...); Pullerits, T</u> Sep 14 2017 NANOSCALE	0	0	2	2	1	1	5
6	3	Differential single-pixel camera enabling low-cost microscopy in near-infrared spectral region <u>Denk, O; Musiienko, A and Zidek, K</u> Feb 18 2019 OPTICS EXPRESS	0	0	2	2	0	1.33	4
7	4	Compressive imaging of transient absorption dynamics on the femtosecond timescale <u>Denk, O; Zheng, KB; (...); Zidek, K</u> Apr 1 2019 OPTICS EXPRESS	0	0	0	2	1	1	3
8	6	Photostability of the Oleic Acid-Encapsulated Water-Soluble CdxSeyZn1-xS1-y Gradient Core-Shell Quantum Dots <u>Chen, JS; Yang, B; (...); Pullerits, T</u> May 2017 ACS OMEGA	1	0	2	0	0	0.6	3

9	9	Time-resolved terahertz spectroscopy reveals the influence of charged sensitizing quantum dots on the electron dynamics in ZnO <u>Bamini, NS; Nemeč, H; (...); Pullerits, T</u> Feb 28 2017 PHYSICAL CHEMISTRY CHEMICAL PHYSICS	1	0	0	2	0	0.6	3
10	3	Random temporal laser speckles for the robust measurement of sub-microsecond photoluminescence decay <u>Junek, J; Ondic, L and Zidek, K</u> Apr 13 2020 OPTICS EXPRESS	0	0	0	1	1	1	2
11	5	Analysis of sub-bandgap losses in TiO ₂ coating deposited via single and dual ion beam deposition <u>Zidek, K; Hlubucek, J; (...); Vaclavik, J</u> Mar 31 2017 THIN SOLID FILMS	0	0	1	0	1	0.4	2
12	2	Fluorescence lifetime imaging via spatio-temporal speckle patterns in a single-pixel camera configuration <u>Junek, J and Zidek, K</u> Feb 15 2021 OPTICS EXPRESS	0	0	0	0	0	0	0
13	4	Enhancement of CASSI by a zero-order image employing a single detector <u>Hlubucek, J; Lukes, J; (...); Zidek, K</u> Feb 10 2021 APPLIED OPTICS	0	0	0	0	0	0	0
14	2	Influence of the delay line jitter on the SHG FROG reconstruction <u>Vesela, P and Zidek, K</u> Feb 1 2021 OPTICS EXPRESS	0	0	0	0	0	0	0
15	2	Collection of micromirror-modulated light in the single-pixel broadband hyperspectral microscope <u>Klein, L and Zidek, K</u> Jun 1 2020 REVIEW OF SCIENTIFIC INSTRUMENTS	0	0	0	0	0	0	0
16	12	Energy transfer mechanisms in green sulphur bacteria <u>Zigmantas, D; Dostal, J; (...); Psencik, J</u> 253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes Apr 2 2017 ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	0	0	0	0	0	0	0

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