

# Mahendra Kumar Sharma

## List of Publications by Year in descending order

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30  
papers

592  
citations

516561

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642610

23  
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docs citations

31  
times ranked

393  
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#	ARTICLE	IF	CITATIONS
1	Selective 1,2 addition of polar X-H bonds to the Ga-P double bond of gallaphosphene L(Cl)GaPGaL. Dalton Transactions, 2022, 51, 1612-1616.	1.6	16
2	Bis-Phosphaketenes LM(PCO) <sub>2</sub> (M=Ga, In): A New Class of Reactive Group 13 Metal-Phosphorus Compounds. Chemistry - A European Journal, 2022, 28, .	1.7	11
3	Multi-Talented Gallaphosphene for Ga-P-Ga Heteroallyl Cation Generation, CO <sub>2</sub> Storage, and C(sp <sup>3</sup> )-H Bond Activation. Angewandte Chemie - International Edition, 2021, 60, 6784-6790.	7.2	46
4	Ein offenschaliges Singulett-Sn <sup>I</sup> -Diradikal und H <sub>2</sub> -Spaltung. Angewandte Chemie, 2021, 133, 6485-6489.	1.6	12
5	An Open-Shell Singlet Sn <sup>I</sup> -Diradical and H <sub>2</sub> -Splitting. Angewandte Chemie - International Edition, 2021, 60, 6414-6418.	7.2	34
6	Metalloradical Cations and Dications Based on Divinyldiphosphene and Divinyldiarsene Ligands. Chemistry - A European Journal, 2021, 27, 5803-5809.	1.7	12
7	Reversible and Irreversible [2+2] Cycloaddition Reactions of Heteroallenes to a Gallaphosphene. Angewandte Chemie - International Edition, 2021, 60, 21784-21788.	7.2	22
8	Reversible und irreversible [2+2]-Cycloadditionen von Heteroallenen an ein Gallaphosphen. Angewandte Chemie, 2021, 133, 21953-21957.	1.6	7
9	Vielseitiges Gallaphosphen: Von einem Ga-P-Ga-Heteroallylkation über CO <sub>2</sub> -Speicherung hin zu C(sp <sup>3</sup> )-H-Bindungsaktivierung. Angewandte Chemie, 2021, 133, 6859-6865.	1.6	19
10	Isolation of singlet carbene derived 2-phospha-1,3-butadienes and their sequential one-electron oxidation to radical cations and dications. Chemical Science, 2020, 11, 1975-1984.	3.7	19
11	A Prelude to Biogermylene Chemistry**. Angewandte Chemie, 2020, 132, 21561-21565.	1.6	0
12	A Prelude to Biogermylene Chemistry**. Angewandte Chemie - International Edition, 2020, 59, 21377-21381.	7.2	8
13	Distannabarrelenes with Three Coordinated Sn <sup>II</sup> Atoms. Chemistry - A European Journal, 2020, 26, 11113-11118.	1.7	19
14	Isolation of singlet carbene derived 2-arsa-1,3-butadiene radical cations and dications. Chemical Communications, 2020, 56, 3575-3578.	2.2	14
15	Diphosphene radical cations and dications with a π-conjugated C <sub>2</sub> P <sub>2</sub> C <sub>2</sub> -framework. Chemical Communications, 2019, 55, 10408-10411.	2.2	36
16	Crystalline Divinyldiarsene Radical Cations and Dications. Angewandte Chemie - International Edition, 2019, 58, 17599-17603.	7.2	31
17	Germylene stabilized group 12 metal complexes and their reactivity with chalcogens. Dalton Transactions, 2019, 48, 16366-16376.	1.6	6
18	Crystalline Divinyldiarsene Radical Cations and Dications. Angewandte Chemie, 2019, 131, 17763-17767.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Expanding the limits of catalysts with low-valent main-group elements for the hydroboration of aldehydes and ketones using [L <sup>+</sup> Sn <sup>ii</sup> ][OTf] (L <sup>+</sup> = aminotroponate;) Tj ETQq1 1 0.784314 rgBT	1.7	40
20	A Modular Access to Divinyldiphosphenes with a Strikingly Small HOMO–LUMO Energy Gap. Chemistry - A European Journal, 2019, 25, 8127-8134.	1.7	40
21	Crystalline Divinyldiarsenes and Cleavage of the As=As Bond. Chemistry - A European Journal, 2019, 25, 8249-8253.	1.7	31
22	Ge( <sup>ii</sup> ) cation catalyzed hydroboration of aldehydes and ketones. Dalton Transactions, 2019, 48, 4094-4100.	1.6	30
23	Donor–acceptor-stabilised germanium analogues of acid chloride, ester, and acyl pyrrole compounds: synthesis and reactivity. Chemical Science, 2019, 10, 4402-4411.	3.7	19
24	Reactivity studies on aminotroponiminatogermylene stabilized ruthenium(II) complexes. Journal of Organometallic Chemistry, 2019, 888, 37-43.	0.8	4
25	Electrophilic terminal arsinidene-iron(0) complexes with a two-coordinated arsenic atom. Chemical Communications, 2019, 55, 14669-14672.	2.2	15
26	Pseudohalogenogermylenes versus Halogenogermylenes: Difference in their Complexation Behavior towards Group 6 Metal Carbonyls. Chemistry - an Asian Journal, 2018, 13, 1357-1365.	1.7	11
27	Catalytic cyanosilylation using germylene stabilized platinum( <sup>ii</sup> ) dicyanide. Dalton Transactions, 2018, 47, 5943-5947.	1.6	24
28	The Preparation of Complexes of Germanone from a Germanium $\mu_4$ -Oxo Dimer. Angewandte Chemie - International Edition, 2016, 55, 7742-7746.	7.2	28
29	Reactivity of LGe <sup>+</sup> NR <sub>2</sub> <sup>-</sup> and LGe(E) <sup>+</sup> NR <sub>2</sub> <sup>-</sup> over LGe <sup>+</sup> Cl and LGe(E) <sup>+</sup> Cl toward Me <sub>3</sub> SiX (L = Aminotroponimate; NR <sub>2</sub> <sup>-</sup> =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (N(SiMe <sub>3</sub> ) <sub>3</sub> ) <sub>2</sub> Organometallics, 2016, 35, 429-438.	1.1	11
30	Synthesis and Reactivity of <i>N</i> -Aminotroponiminatogermylene-pyrrole and Its Derivatives. Organometallics, 2013, 32, 3830-3836.	1.1	30