

- Medical faculty, &c., in German universities, i. 197; science and philosophy of nature, 209; medical interest, the, ii. 207; thermometry, 389.
- Medicine, i. 126; Austrian school of, 198; German schools of, 208; influence of, ii. 379.
- Medium, internal, ii. 432.
- Melanchthon, and the first Protestant universities, i. 159; educational work of, 255.
- Meldola, R., analytical and synthetical methods in chemical research, i. 457.
- Melloui, radiant heat, ii. 105.
- Mendeléeff, D., classification of the elements, i. 315; periodic laws of, 403, 422, 423, 448; ii. 362.
- Mental life of mankind, i. 55.
- Mentelle, geography at the *École normale*, i. 112.
- Mercator, i. 157; his projection, ii. 701.
- Merck, 'Annalen der Pharmacie,' ii. 107.
- Méré, Chevalier de, i. 120.
- Meray, C. H., on foundation of analysis, ii. 704, 734.
- Meridian, measurement of arcs of, i. 99.
- Merkel, 'Jacob Henle,' i. 215, 293.
- Mersenne, original member of Paris "Académie des Sciences," i. 228.
- Mesmer, animal magnetism, ii. 476.
- Metabolism, ii. 421, 422, 442.
- Metaphysical treatment of science in Germany, i. 43.
- Methods have their day and are discarded, i. 56.
- Metrical and projective geometry, ii. 668.
- Meusnier, i. 115.
- Meyer, E. von, 'History of Chemistry,' i. 405, 406, 413; quoted, 411; memoirs of, ii. 257.
- Meyer, Franz, his history of Invariants, i. 247, 308; ii. 677; 684; on Lie and 'Theory of Groups,' 691; on potential theory, 698.
- Meyer, Lothar, classification of chemical elements, i. 315; 'Modern Theories of Chemistry,' 393; periodic laws of, 403, 422, 423; 427; 'Die Atome und ihre Eigenschaften,' 429, 445; 456; 'Moderne Theorien der Chemie,' ii. 65.
- Meyer, O. E., 'Die Kinetische Theorie der Gase,' i. 434, 435, 437; quoted on Maxwell, 438; ii. 593.
- Meyer, Victor, on change of chemical views, ii. 165.
- Michaelis of Göttingen University, i. 165.
- Michell, apparatus to measure force of gravitation, i. 320.
- 'Microcosmus' of Lotze, i. 52.
- Microscope, ii. 228.
- Miething, E., 'L. Euler's Lehre vom Aether,' i. 344, 352, ii. 8.
- Mill, John Stuart, reintroduces philosophy of Comte to France, i. 18; 'Logic,' 37, 307, 308; on theory of probabilities, 120, 306; ii. 569; 'Autobiography,' 307; opposed to undulatory theory of light, ii. 37; on A. Bain, 511; 513, 571, 608.
- Millar, W. J., Rankine's 'Miscellaneous Scientific Papers,' ii. 133, 139.
- Miller, Hugh, stonemason and geologist, i. 288.
- Miller, W. A., spectrum analysis, i. 278; ii. 47, 48; 'Chemical Physics,' i. 316.
- Milnes-Marshall, ii. 349.
- Milton, influence on German thought and literature, i. 212; influence of, on educational views in England, 253.
- "Mimicry," ii. 338.
- Mind, ii. 216, 455 *et seq.*; the objective, 529; 548.
- Mines, *École des*, i. 107.
- Minnigerode, geometrical treatment of crystallography, i. 443.
- Mirabeau, higher aims of, not realised, i. 112.
- Mirbel, ii. 230; observations of, 261; cellular theory, 262.
- Mitchell, P. C., ii. 459.
- Mitchelson, speed of light, ii. 36.
- Mitscherlich, E., i. 174; chemist, 188; 190; discovery of isomorphism, 191, 444; services of, to chemistry, 208; Dalton's atomic theory, 246; discovers polymorphism, 446.
- Mivart, St George, ii. 546.
- Mobility of living matter, ii. 438.
- Möbius, A. F., his geometry, i. 44; a pupil of Gauss, 181, 187; his writings unknown to Plücker, ii. 76; and Gauss, 652; his barycentric calculus, 655, 724; introduces homogeneous co-ordinates, 681.
- Mohl, Hugo von, "protoplasm," i. 309; improvements in micrometric processes, ii. 229; cellular theory, 262, 299; protoplasm, 264, 265, 422, 443; inductive school of, 321.
- Möhr, Karl Friedrich, i. 413; scientific